

# BISOL EasyMount ALU Rail 80

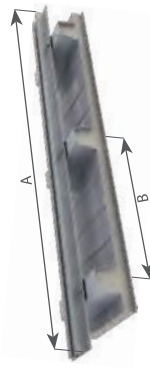
Universal solution for all types of trapezoidal roof

BISOL EasyMount ALU Rail 80 is a versatile solution suitable for all types of trapezoidal metal sheet roofs, designed to fit all wave angles and dimensions. This system is compatible with all module sizes and allows portrait and landscape module orientation with no additional material required. BISOL EasyMount ALU Rail 80 is made to withstand high wind and snow loads and provides high shear and pull-out resistance. Its simplicity and modularity allows for a quick and easy installation.

## Technical Specifications

Application	Pitched roofs with trapezoidal metal sheet (minimal thickness 0.6 mm)
Trapezoidal wave type	All trapezoidal wave dimensions and angles
Method of installation	Directly into the metal sheet
Module orientation	Portrait or landscape
Module frame tolerances	Suitable for all framed module dimensions
Material	ALU Rail 80: aluminum EN-AW 6060 T6 Fixation elements: stainless steel A2-70
System weight	0.005 kN/m <sup>2</sup> (without PV module)
Dimensions	Width: 80 mm, Height: 15 mm, Length: 450 mm or 530 mm or 730 mm

Length of ALU Rail 80 - A	Distance between two waves - B
450 mm (1'5.7")	up to 21 cm (8.3")
530 mm (1'8.9")	21 (8.3") - 25 cm (9.8")
730 mm (2'4.7")	25 (9.8") - 35 cm (1'1.8")



Fits all wave dimensions and angles



Watertight connection



High shear and pull-out resistance



Only very basic tools required



Quick and easy installation

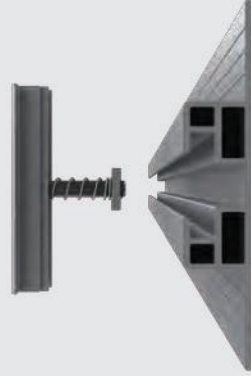


10-year product warranty



# BISOL EasyMount ALU Rail 80

## Cross section of ALU Rail 80:



## Individual components:

ID Code	Component description
1 	EasyMount ALU Rail 80 x 450 mm set EasyMount ALU Rail 80 x 530 mm set EasyMount ALU Rail 80 x 730 mm set
2 	Clamp end EasyMount, 35 mm preassembled <sup>(16)</sup>
3 	Clamp middle EasyMount, 35 mm preassembled <sup>(16)</sup>
4 	Grounding plate EasyMount <sup>(17)</sup>

<sup>(16)</sup> For PV modules with 35 mm frame thickness. Clamps with different height available upon request.

<sup>(17)</sup> For grounding refer to the national regulatory requirements.

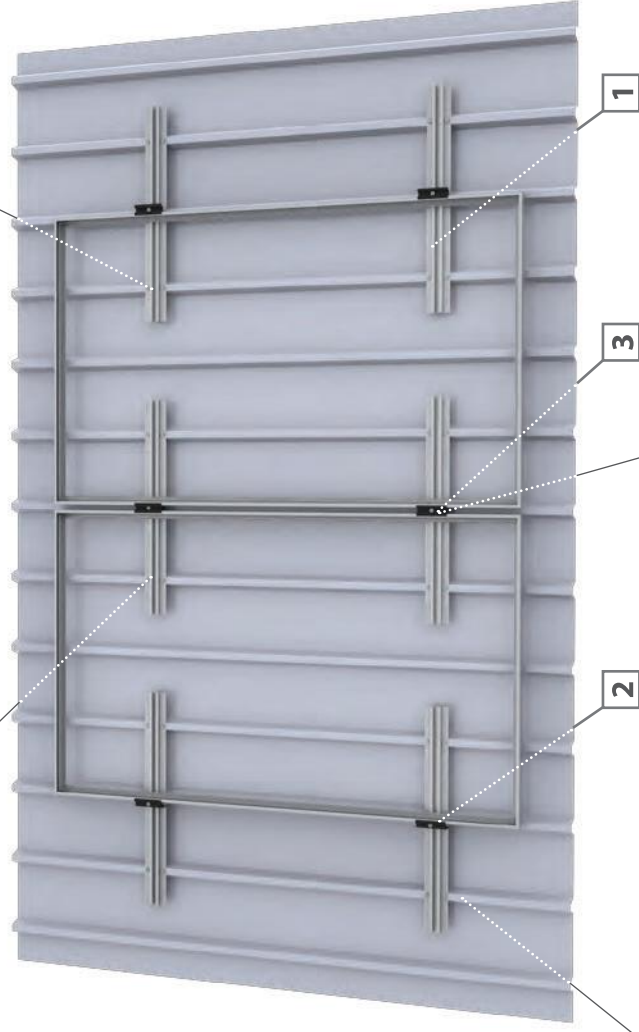
## System components:



EPDM strip should be placed under the ALU Rail 80 to protect the roof surface.



ALU Rail 80 is fixed with 2 screws per wave.



ALU Rails 80 are mounted across three adjoining waves.



PV modules are fixed to ALU Rails 80 with preassembled end and middle clamps.